Assistant Liass   Assistant					Br.	idae	Culve	art Inene	ection				
Vear Built	Bridge File Nur	mher	73086 -	2 Bridge Culve		luge	Curve				CHLM		
Bridge of Town Name   Content Over   TRIBUTARY TO PADDLE RIVER   Inspector Class   BR CLS B								7.					
Located Over													
Second Content		I INAIIIE					<u> </u>						
Assistant Class	Localed Over		8.11.84	I 30 / MATEROPS ST				·		DK GLO D			
Inspection Date	Located On		33:08 C	C1 1 061									
Data Entry By	Water Body Cl.	./Year							22 Aug 2011				
Legal Land Location	Navigabil. Cl./Y	⁄ear									_	eta	
Longitude   Latitude	Legal Land Loc	cation	SW SE	C 5 TWP 60 RC	SE 3 W5M								
Aberta Transportation (AIT)	Longitude, Lati	tude	-114:25	:05, 54:09:08							·		
Dept. Reviewer Name	Road Authority	,	Alberta	Transportation	(AIT)								
Clear Roadway/Skew   11	Contract Main.	Area	CMA10	1						Nama	•		
AADT/Year   1,460 / 2010 (A)   Road Classification   RAU-211 8-110   Pollow-Up By   Rau-210   Pollow-Up By   Pollow-Up By	Clear Roadway	//Skew	11 /						·				
Rad Classification   RAU-211.8-110   Deletour Length (km)   14	AADT/Year		1,460 /	2010 (A)	040 (4)				•		13-3ер-2011		
Series	Road Classifica	ation	RAU-21	11.8-110				1 Ollow	ор Бу				
Number of Culverts   2	Detour Length	(km)	14										
Pipe #   Barrel	Bridge Culver	t Inform	ation										
MAIN	Number of Cul	verts		2									
Main	Pipe #	Barrel		Span	Rise (or Dia	a.)	Туре		Length		Corr. Profile		Shape
Special Features Special Features Comment  Utilities (Located at)  Universe (Incompose	1	MAIN		-	2000		MP		35		125X26	2.8	ROUND
Utility Attachments  Telephone South of r/w. Gas Municipal Others Remarks  Approach Road / Embankment Last Now Explanation of Condition  Horizontal Alignment 7 7 7 Field entrance to NW.  Wingealls  Approach Road / Embankment Last Now Explanation of Condition  11.200  Embankment 8 7 Bump over pipes-patched  Sideslope (_:1) 5.0  (Height of Cover(m) : 1.2)  Guardrail (Y/N) No  Approach Road / Embankment End  Last Now Explanation of Condition  To T Field entrance to NW.  West pipe.  Direction  N West pipe.  West pipe.  Collar X X X  Wingwalls  Wingwalls	2	MAIN		-	2000 MP				35		125X26	2.8	ROUND
Utilities (Located at)	Special Feature	es											
Utility Attachments	Special Feature	es Comi	ment										
Utility Attachments													
Telephone   South of r/w.   Gas						Util	ities (L	ocated	at)				
Municipal   Problem (Y/N)   No										I			
Problem (Y/N)   No													
Approach Road / Embankment   Last   Now   Explanation of Condition		6 wire	s North	of r/w.									
Approach Road / Embankment   Last   Now   Explanation of Condition								Probler	n (Y/N)	No			
Last   Now   Explanation of Condition	Remarks												
Horizontal Alignment											·		
Vertical Alignment	Harizantal Alia	nmant									tion		
Roadway Width (m)								Field el	iliance id	) INVV.			
Embankment Sideslope (:1)				11 200		0	1						
Sideslope (_:1)   5.0	Roadway Widti	11 (111)		11.200									
(Height of Cover(m) : 1.2)  Guardrail (Y/N)  Approach Road / Embankment General Rating  T  T  Upstream End  Culvert Component (Pipe # : 1, Span Type: Primary Span)  Direction End Treatment (Concrete, Steel, Others, None)  Headwall  X  X  Wingwalls  X  X  Wingwalls	Embankment					8	7	Bump o	over pipes	s-patch	ned		
Guardrail (Y/N)  Approach Road / Embankment General Rating  T  Upstream End  Culvert Component	Sideslope (	_:1)		5.0									
Approach Road / Embankment General Rating 7 7  Upstream End Culvert Component	(Height of Co	ver(m) :	1.2)										
Culvert Component Last Now Explanation of Condition  (Pipe # : 1, Span Type: Primary Span)  Direction N West pipe.  End Treatment (Concrete, Steel, Others, None)  Headwall X X  Wingwalls X X   Upstream End  Now Explanation of Condition  Explanation of Condition  X X X  X X	Guardrail (Y/N)	)		No									
Culvert Component (Pipe # : 1, Span Type: Primary Span)  Direction End Treatment (Concrete, Steel, Others, None)  Headwall  Collar  X X  Wingwalls  Now Explanation of Condition  Explanation of Condition  West pipe.  X X X  X  X  X  X  X  X  X  X  X  X	Approach Roa	ad / Emi	bankme	nt General Rat	ing	7	7						
Culvert Component (Pipe # : 1, Span Type: Primary Span)  Direction End Treatment (Concrete, Steel, Others, None)  Headwall  Collar  X X  Wingwalls  Now Explanation of Condition  Explanation of Condition  West pipe.  X X X  X  X  X  X  X  X  X  X  X  X							Instre	am End					
(Pipe # : 1, Span Type: Primary Span)  Direction	Culvert Comp	onent			La			1	ation of	Condi	tion		
Direction N West pipe.  End Treatment (Concrete, Steel, STEEL Others, None)  Headwall X X  Collar X X  Wingwalls X X			e: Prima	ırv Span)									
End Treatment (Concrete, Steel, Others, None)  Headwall  Collar  X  X  Wingwalls  X  X  X								West n	ipe.				
Headwall X X  Collar X X  Wingwalls X X	End Treatment	(Concre	ete, Stee	el, STEEL	<u> </u>			1.00. p					
Wingwalls X X	Headwall					Х	X						
	Collar					X	X						
(Shape: )	Wingwalls					X	X						
	(Shape: )												

73086 -2 Bridge Culvert

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Span Type: Primary	/ Span)			
Cutoff Wall		Х	Х	
Bevel End		8	8	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	600			
Scour Protection		8	8	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		8	8	
Beavers (Y/N)	No			
Upstream End General Rating		8	8	
		Brid	dge Cu	Ivert Barrel
Culvert Component		Last	Now	Explanation of Condition
(Pipe #: 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm	n):	, Rise (mm): 2000, Type: MP)
Barrel Last Accessible Date	11-Nov-2009			West pipe. Water 1.0m deep pipe, viewed from end. Shape and condition looks good.
Special Features				
Special Feature				
(Type:)			_	
Special Feature				
(Type:)				
Roof		7	7	
Measured Rise (mm)	1987			
Measured At Ring No.	2			
Sag (mm)	5			
Percent Sag	0		_	
Sidewall		7	7	
Measured Span (mm)	2022			
Measured At Ring No.	2			
Deflection (mm)	22			
Percent Deflection	0		1	
Floor	I	N	N	Water covered.
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams	I	7	N	
Separation (mm)	35			
Longitudinal Seams	I	Х	X	
Total No. of Cracked Rings				
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel Between Cracks (mm)				
Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Coating		8	7	
Corrosion By Soil (Y/N)	No			
Corrosion By Water (Y/N)	No			

		Brid	dge Cu	lvert Barrel			
Culvert Component		Last Now		Explanation of Condition			
(Pipe # : 1, Primary Span, Loca	tion Code: MAIN, Spa	n (mm	):	, Rise (mm): 2000, Type: MP)			
Camber POS/ZERO/NEG	ZERO						
Ponding (Y/N)	No						
Fish Passage Adequacy		9	9				
Baffle		Х	Х				
(Type:)							
Waterway Adequacy	I	9	9				
Icing (Y/N)	No						
Silting (Y/N)	No						
Drift (Y/N)	No		1				
Barrel General Rating		7	N	GR was 7 from 11-Nov-2009			
				eam End			
Culvert Component		Last	Now	Explanation of Condition			
(Pipe # : 1, Span Type: Primary	/ Span)	1		T			
Direction	I <b>-</b>	S		West pipe.			
End Treatment (Concrete, Steel, Others, None)	STEEL						
Headwall		Х	X				
Collar		Х	X				
Wingwalls		X	X				
(Shape: )							
Cutoff Wall		Х	Х				
Bevel End		8	8				
Heaving (mm)							
Invert Above/Below Stream Bed	BELOW						
Above/Below (mm)	300		1				
Scour Protection		8	8				
(Type : RIP RAP)							
(Avg. Rock Size(mm) : 300)							
Scour/Erosion		8	8				
Beavers (Y/N)	No						
Downstream End General Ratio	ng	8	8				
			Upstre	am End			
Culvert Component		Last	Now	Explanation of Condition			
(Pipe # : 2, Span Type: Second	lary Span)						
Direction		N		East pipe.			
End Treatment (Concrete, Steel, Others, None)	STEEL						
Headwall		Х	Х				
Collar		Х	Х				
Wingwalls		Х	Х				
(Shape: )			1 .				
Cutoff Wall		X	X				

73086 -2 Bridge Culvert

			Upstre	am End
Culvert Component		Last	Now	Explanation of Condition
(Pipe # : 2, Span Type: Second	lary Span)			
Bevel End		8	8	
Heaving (mm)	0			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	600			
Scour Protection		8	8	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		8	8	
Beavers (Y/N)	No			
Upstream End General Rating		8	8	
Culvert Component				Ivert Barrel
Culvert Component (Pipe # : 2, Secondary Span, Lo	eation Code: MAIN S	Last		Explanation of Condition , Rise (mm): 2000, Type: MP)
Barrel Last Accessible Date	11-Nov-2009	pan (i		
Barrei Last Accessible Date	11-N0V-2009			East pipe. Pipe viewed from ends-shape and condition look good.
Special Features				
Special Feature				
(Type:)				
Special Feature				
(Type:)				
Roof		7	7	
Measured Rise (mm)	1992			
Measured At Ring No.	2			
Sag (mm)	8			
Percent Sag	0			
Sidewall		7	7	
Measured Span (mm)	2006			
Measured At Ring No.	2			
Deflection (mm)	6			
Percent Deflection	0			
Floor		7	N	
Bulge (mm)	0			
Measured At Ring No.				
Abrasion (Y/N)	No			
Circumferential Seams		7	N	
Separation (mm)	40			
Longitudinal Seams		Х	Х	
Total No. of Cracked Rings				
Total No. of Rings with Two Cracked Seams				
Min. Remaining Steel				
Between Cracks (mm) Proper Lap (Y/N)				
Longitudinal Stagger (Y/N)				
Coating		8	7	
Coating  Corrosion By Soil (Y/N)	No	0	1	
Corrosion By Water (Y/N)	No			
Camber POS/ZERO/NEG				
Camper POS/ZERO/NEG	ZERO			

73086 -2 Bridge Culvert

		Brio	dge Cu	Ivert Barrel
Culvert Component			Now	Explanation of Condition
(Pipe # : 2, Secondary Span, Lo	cation Code: MAIN, S	Span (r	nm):	, Rise (mm): 2000, Type: MP)
Ponding (Y/N)	No			
Fish Passage Adequacy		9	9	
Baffle		Х	Х	
(Type:)				
Waterway Adequacy		9	9	
Icing (Y/N)	No			
Silting (Y/N)	No			
Drift (Y/N)	No			
Barrel General Rating		7	N	GR was 7 from 11-Nov-2009
			ownet	ream End
Culvert Component				Explanation of Condition
(Pipe # : 2, Span Type: Second	lary Snan)	Lasi	INOW	Explanation of Condition
Direction	lary Spari)	s		East pipe.
End Treatment (Concrete, Steel, Others, None)	STEEL	3		_ East pipe.
Headwall		Х	Х	
Collar		Х	Х	
Wingwalls		Х	X	
(Shape: )			1	
Cutoff Wall		Х	X	
Bevel End		8	8	
Heaving (mm)	50			
Invert Above/Below Stream Bed	BELOW			
Above/Below (mm)	300			
Scour Protection		8	8	
(Type : RIP RAP)				
(Avg. Rock Size(mm) : 300)				
Scour/Erosion		8	8	
Beavers (Y/N)	No			
Downstream End General Ratio	ng	8	8	
		S	tructu	re Usage
		Last		Explanation of Condition
Channel (U/S and D/S)				
Alignment		8	8	
Bank Stability		8	8	
HWM (m below Top of Culvert)				
Drift (Y/N)	No			
Channel Bottom Degrading/Aggrading	NONE			
Beavers (Y/N)	No			
(Fish Compensation Measure 1 :	NONE)			
(Fish Compensation Measure 2 :	NONE)			
Channel General Rating		8	8	

		Maintan	anas Basammandatiana				
Increator Decemmendations	Voor		ance Recommendations	vom anta	Target Veer	Fot Coot	Cot 4
Inspector Recommendations	Year	Inspector Comments	Department Co	omments	Target Year	Est. Cost	Cat #
SHOTCRETE REPAIRS							+
PLACE ADDITIONAL RIP RAP							+
REMOVE DRIFT ACCUMULATION							+
INSTALL CONCRETE/STEEL LINING	<b>)</b>						
INSTALL STRUTS	255						+
INSTALL CONCRETE COLLAR/CUTO	JFF						
REPAIR SEAMS							+
OTHER ACTION OTHER ACTION							+
OTHER ACTION							+
OTHER ACTION							+
Structural Condition Rating (Last/N (%)	ow) 77.8/5	Sufficiency Rating (%)	g (Last/Now) 85.0/73.0	Est. Repl. Yr 208	Maint. Re	qd. (Y/N)	No
Special Comments for Next Inspection			Department Comments				
Maintenance Reviewed By			Date		Estimated Tota	I 0	
Proposed Long-Term Strategy							
On 3-Year Program (Y/N)							
Proposed Action							
Previous Inspector's Name	Melanie Johns	son	Previous Assistant's Name	9			
Next Inspection Date	23-May-2013		Previous Inspection Date	11-Nov-2009			
Inspection Cycle (Default) (months)	21			1			
Comment							
00111110111							